



IN THE SPECIFICATION:

Page 8, line 1: Delete "could", and substitute therefor --could--;

OR simply insert an underline under the word "could" that is presently in line 1, of page 8.

IN THE CLAIMS:

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Please cancel claims 3, 4, 5, 6, 9, 10, 11, 13 and 14 without prejudice, and amend the remaining claims 1, 2, 7, 8 and 12 as follows, the added words being underlined and the deleted words being within brackets:

- 1. (Amended) A method for processing a digitally encoded multimedia
 2 stream of data that is in packets including processing prior
 3 to transmission, multiplexing, and splicing to prevent
 4 underflow of a decoder buffer of a predetermined size, each
 5 frame having a presentation time stamp and a decoding time
- a) determining, prior to transmission of a data stream, a

 potential data underflow for said decoder buffer by a process

 of emulation when said decoder buffer is less than said

 predetermined size;

stamp, said method comprising the steps of:

b) adding a predetermined value to said presentation time stamp when said potential data underflow is determined in step a); and

- c) adding said predetermined value to said decoding time
 stamp when said potential data underflow is determined in step
 a);
- whereby a buffer underflow of said decoder buffer is prevented.
 - 1 2. The method as defined in claim 1 wherein said digitally
 2 encoded multimedia stream of data is an MPEG-2 transport
 3 stream.
 - 7. The method of claim 1 wherein said predetermined value added to said presentation time stamp is an amount T determined by the relationship:
 - T = (B x) / [S * (P H) / P]
 - 5 where: B = the size of said decoder buffer;
 - 6 x = the size of said current buffer;
 - 7 S = the bit rate of said transport stream;

 - 9 H = a minimum header size for each of said packets.
 - 1 8. The method of claim [8] 7 wherein said <u>current</u> buffer level
 2 is x, said packets have a uniform size P and each packet has a
 3 minimum header size H, a maximum number of null packets
 4 deleted is by the relationship:

5 N = (B - x)/(P - H)6 where: N = a number of packets: 7 B = the size of said decoder buffer; 8 x = the size of said current buffer; 9 P = a uniform size of said packets; and 10 H = a minimum header size for each of said 11 packets. In a method for transmission, multiplexing, and splicing a 1 12. digitally encoded transport stream to prevent buffer underflow 2 3 of said stream including packets each having a presentation time stamp and a decoding time stamp, said method being adapted for use with a decoder buffer of a predetermined size, 5 6 said method comprising the steps of: a) determining by a process of emulation, and processing prior 7 to transmission, multiplexing and splicing said digitally 8 9 encoded transport stream, a potential underflow when the 10 current buffer size is less than said predetermined amount; 11 b) adding a predetermined value to said presentation time 12 stamp, when a potential underflow is determined in step (a); 13 and c) adding said predetermined value to said decoding time 14 15 stamp, when a potential underflow is determined in step (a); 16 whereby buffer underflow is prevented.